Chemistry Week 2025: chemistry taking action

Join us to celebrate **Chemistry taking action** during Chemistry Week this November and showcase the chemical sciences and its professionals making a difference to people, communities and the world we live in.

Want to get involved but not sure where to start?

If you're a teacher thinking about taking part in Chemistry Week 2025, we have resources that can support you:

- Explore our Outreach activities and resources and careers resources on A Future in Chemistry.
- Sign up for Teach Chemistry for free and access lesson resources, personal development and more.
- Find training and resources on the public engagement and outreach section of the members' area of the RSC website, including curated collections of resources on water and plastics.

What about hands-on activities?

Excited about Chemistry Week but looking for practical activities suitable for a learning environment? Try our:

Simple experiments using household materials and ingredients

You can deliver these activities using household materials and ingredients alongside simple equipment, e.g. containers and thermometers:

- Take learners on a sustainable plastics journey by Making plastic from potato starch using a curriculum-linked activity.
- Explore How to purify water using a simple experiment suitable for all ages.
- Examine The life of water using a suite of experiments getting hands on with H_2O.

Experiments using materials and ingredients that you can easily source

You can deliver these activities using materials and ingredients that you can easily source but may need to purchase specifically for the activity. They may also require specific equipment:

- Explore the chemistry behind a very real natural disaster by learning about treating oil spills.
- Investigate what the frozen world can tell us about our atmosphere.
- Examine how encapsulation can deliver probiotics to the gut and create coatings around liquids. This process can reduce plastic waste by offering sustainable, biodegradable packaging options.

Experiments using specialist materials, ingredients and equipment

These activities require specialist materials and ingredients and you should deliver them in a lab setting:

- Investigate the chemistry behind green plastics.
- Examine rechargeable cells using a hands-on practical.
- Explore water management using a curriculum-linked experiment.

What next?

Share your Chemistry Week activities with the rest of the community using #ChemistryWeek between 10–16 November 2025.